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BEFORE THE ARIZONA CORPORATION COMMISSION

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COMMISSIONERS

BOB BURNS - CHAIRMAN
ANDY TOBIN
BOYD DUNN
JUSTIN OLSON
SANDRA KENNEDY

IN THE MATTER OF THE APPLICATION OF) DOCKET NO. E-04204A-15-0142
UNS ELECTRIC, INC. FOR THE)
ESTABLISHMENT OF JUST AND)
REASONABLE RATES AND CHARGES) **NOTICE OF FILING**
DESIGNED TO REALIZE A REASONABLE) **COMPLIANCE**
RATE OF RETURN ON THE FAIR VALUE OF)
THE PROPERTIES OF UNS ELECTRIC, INC.)
DEVOTED TO ITS OPERATIONS)
THROUGHOUT THE STATE OF ARIZONA)
AND FOR RELATED APPROVALS.)


UNS Electric, Inc., through undersigned counsel, hereby files the following in compliance
with Decision No. 76900 (September 20, 2018):

- UNS Electric's Residential Demand Time-of-Use Tech (R-Tech) Tariff.

RESPECTFULLY SUBMITTED this 22nd day of January, 2019.

UNS ELECTRIC, INC.

By


Bradley S. Carroll
UNS Electric, Inc.
88 East Broadway, MS HQE910
P.O. Box 711
Tucson, Arizona 85702

Arizona Corporation Commission

DOCKETED

JAN 22 2019

DOCKETED BY



and

Michael W. Patten
Snell & Wilmer L.L.P.
One Arizona Center
400 East Van Buren Street
Phoenix, Arizona 85004

Attorneys for UNS Electric, Inc.

Original and 13 copies of the foregoing
filed this 22nd day of January 2019, with:

Docket Control
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

Copies of the foregoing hand-delivered
this 22nd day of January 2019, to:

Compliance Section
Utilities Division
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

Robin Mitchell
Wesley Van Cleve
Legal Division
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

Elijah Abinah, Director
Utilities Division
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

By 



UNS Electric, Inc.

Original Sheet No.: 109

Superseding:

Residential Demand Time-of-Use Tech (R-Tech)

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

This rate schedule is initially limited to a maximum of 1,000 of the Company's residential customers.

If, after 18 months of the Effective Date for this tariff, less than 0.01% of residential customers are taking service under this tariff, then this tariff shall be closed and those affected customers will be moved to the ERRESDT (Residential Demand Time-of-Use) tariff unless they choose to move to another available tariff.

APPLICABILITY

This rate schedule is available to residential Customers with the following:

1. Two or more qualifying primary on-site technologies purchased within 90 days of the customer enrolling in the pilot; or
2. One qualifying primary on-site technology purchased within 90 days of the customer enrolling in the pilot and two or more qualifying secondary on-site technologies.

This is a pilot rate schedule. This means this tariff is associated with a specific program approved by the Arizona Corporation Commission, and is available only to those customers eligible to participate in the program. The R-Tech pilot program will test the desire and ability of participating residential customers to reduce On-Peak energy and demand usage through multiple behind-the-meter technologies.

Qualifying technologies for the R-Tech pilot program are as follows:

1. Primary technologies:
 - a. A rooftop solar photovoltaic system. The size of the system cannot be: (i) smaller than 2 kW-DC or (ii) have a maximum generating capacity less than 125% of the Customer's total connected load at the metered premise consistent with Rider-14.
 - b. A chemical energy storage system. The size of the system cannot be: (i) smaller than 4 kWh and (ii) cannot be larger than 125% of the customer's maximum one-hour peak demand measured in AC over the prior twelve (12) months. (For example, if the customer's peak is 8kW-AC, the maximum chemical storage system size that could be installed is 10 kW-DC).
 - c. A highway approved electric vehicle with a level 1 or 2 charging station.
2. Secondary technologies:
 - a. A significant load device with a variable speed motor (such as a variable speed pool pump or a variable speed Heating, Ventilating, and Air Conditioning (HVAC) system).
 - b. A grid-interactive electric water heater, HVAC system, or electric vehicle charger.
 - c. An automated load controller designed to prevent simultaneous use of multiple significant load devices such as HVAC, electric water heater, electric clothes dryer, electric vehicle charger, or pool pump.

Filed By: Dallas J. Dukes
Title: Vice President of Energy Programs and Pricing
District: Entire Electric Service Area

Rate: ERRESDTX
Effective: January 18th, 2019
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Tucson Electric Power Company

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Separately metered buildings (such as garages and or wells) that are on the same lot as a residential building will be classified as non-residential and the appropriate general service rate will be applied.

Service under this rate will commence when the appropriate meter and the qualifying technologies have been installed and verified by UNS Electric.

Not applicable to resale, breakdown, temporary, standby, auxiliary service, or service to electrical equipment that causes excessive voltage fluctuations.

Customers may switch between the R-Tech tariff and other applicable rate tariffs once in a rolling twelve-month period.

CHARACTER OF SERVICE

The service shall be single-phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly bill at the following rate plus any adjustments incorporated herein:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF BASIC SERVICE, DEMAND, AND ENERGY CHARGES

Basic Single-Phase Service Charge, per month:			\$13.80
Demand Charges (per kW):	Summer (May – September)	Winter (October – April)	
	0 - 7	\$9.00	\$7.00
	Over 7	\$15.25	\$11.00
	Off-Peak Excess	\$6.00	\$6.00
Energy Charges (per kWh):	Summer (May – September)	Winter (October – April)	
	On-Peak	\$0.0108	\$0.0108
	Off-Peak	\$0.0060	\$0.0060
Power Supply Charge (\$/kWh)	Summer	Winter	
	(May – September)	(October – April)	
	Base Power On-Peak	\$0.101000	\$0.081550
	Base Power Off-Peak	\$0.042500	\$0.038570

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Purchased Power and Fuel Adjustment Clause (PPFAC): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider-1 to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost of purchased power and fuel.

BILLING DEMAND

The monthly billing demand shall be the maximum 1-hour measured demand in the on-peak hours during the billing period.

Additionally, the monthly Off-Peak Excess demand shall be the greatest measured 1-hour interval demand read of the meter during the Off-Peak hours of the billing period that is in excess (i.e. positive incremental amount above) of 150% of that billing period's On-Peak measured demand.

TIME-OF-USE TIME PERIODS

The Summer On-Peak period is 3:00 p.m. to 7:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The Winter On-Peak periods are 6:00 a.m. - 9:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

CARES ELIGIBILITY

As a result of the pilot nature of this program, no CARES discount is available on this tariff.

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

UNS ELECTRIC STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the UNS Electric Statement of Charges which is available on UNS Electric's website at www.uesaz.com.

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TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this rate.

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BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Basic Service Charge Components (Unbundled):	
Meter Services	\$1.15
Meter Reading	\$1.85
Billing & Collection	\$5.00
Customer Delivery	\$5.80
Total	\$13.80

Demand Charge Components (per kW) (Unbundled):		Summer	Winter
0 – 7	Demand Delivery	\$2.85	\$2.20
	Generation	\$4.10	\$3.20
	Transmission	\$2.05	\$1.60
Over 7	Demand Delivery	\$4.85	\$3.45
	Generation	\$6.95	\$5.05
	Transmission	\$3.45	\$2.50

Demand Charge Components (per kW) (Unbundled):		On-Peak	Off-Peak
Demand Delivery		\$0.00589	\$0.00327
Generation		\$0.00400	\$0.00222
Transmission		\$0.00091	\$0.00051

Power Supply Charges (per kWh):	
Base Power Supply Summer (May – September) On-Peak	\$0.101000
Base Power Supply Summer (May – September) Off-Peak	\$0.042500
Base Power Supply Winter (October – April) On-Peak	\$0.081550
Base Power Supply Winter (October – April) Off-Peak	\$0.038570
PPFAC (see Rider-1 for current rate)	Varies

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